

FIG. 1

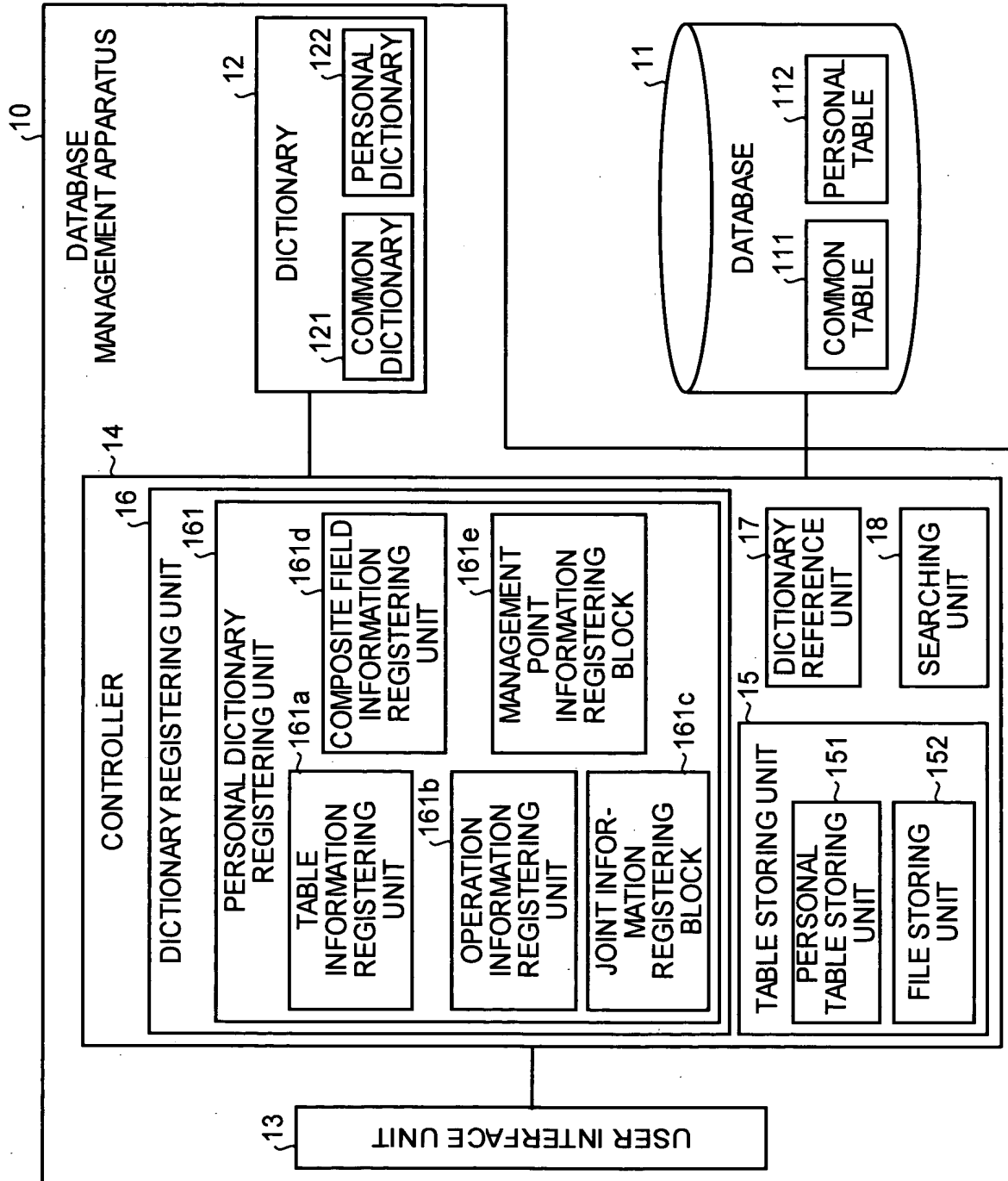


FIG.2

COMMON TABLE 111

CUSTOMER INFORMATION TABLE

CID	NAME	ADDRESS	BIRTHDAY	SEX
F00001	MR. TARO	KANAGAWA PREFECTURE, YOKOHAMA CITY, KOHOKU DISTRICT	1972/03/10	MALE
F00002	MS. HANAKO	KANAGAWA PREFECTURE, ODAWARA CITY	1976/10/18	FEMALE
F00003	MR. JIRO	SHIZUOKA PREFECTURE, NUMAZU CITY	1975/04/23	MALE

LINK

QUESTIONNAIRE RESULT TABLE

CID	QUESTION	ANSWER
F00001	USAGE TIME OF PC	3
F00001	CURRENT MODEL	AL SERIES, MANUFACTURED BY A
F00001	OPINION ABOUT THE PC IN USE	I THINK COST PERFORMANCE IS EXCELLENT
F00001	MODEL OF INTEREST	NX SERIES, MANUFACTURED BY X
F00001	MODEL OF INTEREST	XX SERIES, MANUFACTURED BY A
F00001	CRITERIA FOR SELECTION	LOOKS CLASSY
F00002	OPINION ABOUT THE PC IN USE	1
F00002	CURRENT MODEL	BL SERIES, MANUFACTURED BY B
F00002	OPINION ABOUT THE PC IN USE	REASONABLY PRICED FOR SOFTWARE PROVIDED AND A 6.4 G MEMORY.
F00002	MODEL OF INTEREST	XY SERIES, MANUFACTURED BY B
F00002	MODEL OF INTEREST	NN SERIES, MANUFACTURED BY X
F00002	MODEL OF INTEREST	AZ SERIES, MANUFACTURED BY C
F00002	CRITERIA FOR SELECTION	SLEEK, EASY TO CARRY.
F00003	USAGE TIME OF PC	5
F00003	CURRENT MODEL	XX SERIES, MANUFACTURED BY A
F00003	CURRENT MODEL	NX SERIES, MANUFACTURED BY X
F00003	OPINION ABOUT THE PC IN USE	GOOD VALUE FOR THE PRICE
F00003	MODEL OF INTEREST	YZ SERIES, MANUFACTURED BY A
F00003	MODEL OF INTEREST	FX SERIES, MANUFACTURED BY X
F00003	CRITERIA FOR SELECTION	LARGE LIQUID CRYSTAL MONITOR; WIDE VIEWING ANGLE

PERSONAL TABLE 112

LINK

MODEL OF INTEREST LIST TABLE

CID	MODEL OF INTEREST
F00001	NX SERIES, MANUFACTURED BY X
F00001	XX SERIES, MANUFACTURED BY A
F00002	XY SERIES, MANUFACTURED BY B
F00002	NN SERIES, MANUFACTURED BY X
F00002	AZ SERIES, MANUFACTURED BY C
F00003	YZ SERIES, MANUFACTURED BY A
F00003	FX SERIES, MANUFACTURED BY X

LINK

TREND ANALYSIS TABLE

CID	CRITERIA FOR SELECTION
F00001	LOOKS CLASSY
F00002	SLEEK, EASY TO CARRY.
F00003	LARGE LIQUID CRYSTAL MONITOR; WIDE VIEWING ANGLE

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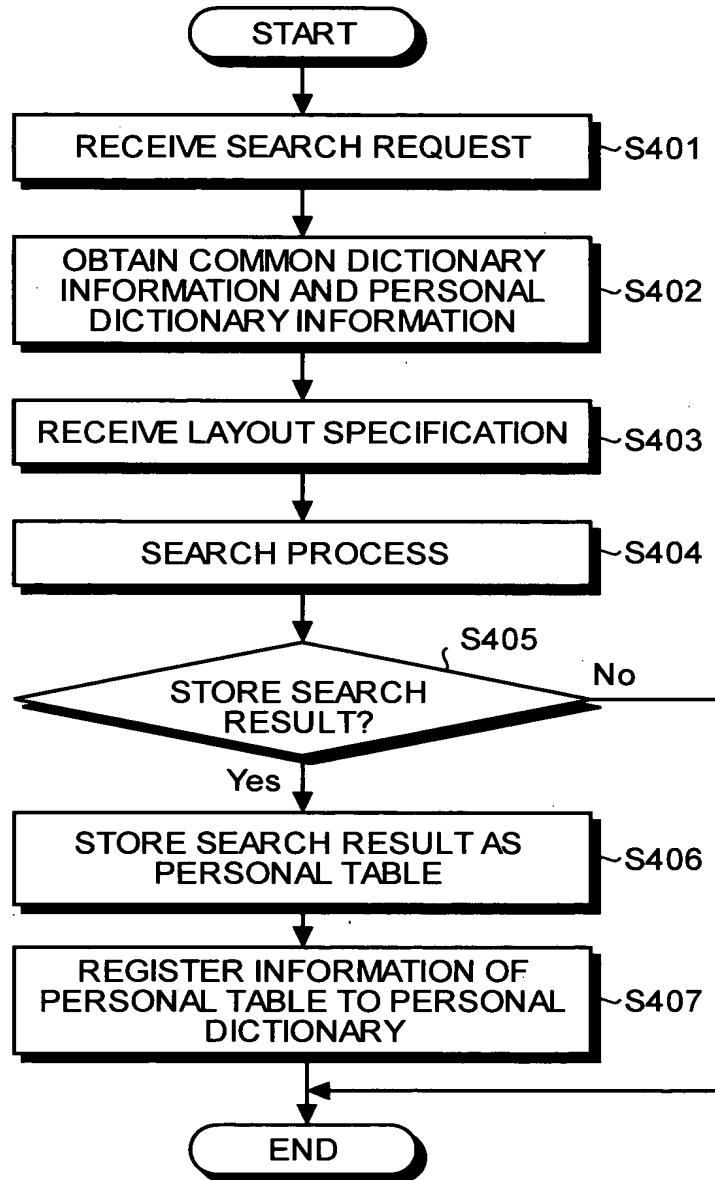
FIG.3

TABLE MANAGEMENT INFORMATION			COMMON DICTIONARY 121		
IDENTIFICATION NUMBER	TABLE NAME	SCHEMA NAME	COMMENTS		
101	CUSTOMER	COMMON_SCHEMA	CUSTOMER INFORMATION		
102	QUESTION	COMMON_SCHEMA	QUESTIONNAIRE RESULT		
...		
FIELD MANAGEMENT INFORMATION			COMMON DICTIONARY 121		
IDENTIFICATION NUMBER	FIELD NAME	TABLE NAME	SCHEMA NAME	COMMENTS	
101	CID	CUSTOMER	COMMON_SCHEMA	CID	DATA FIELD
102	NAME	CUSTOMER	COMMON_SCHEMA	NAME	DATA FIELD
103	ADDRESS	CUSTOMER	COMMON_SCHEMA	ADDRESS	DATA FIELD
104	BIRTHDAY	CUSTOMER	COMMON_SCHEMA	BIRTH DATE	DATA FIELD
105	SEX	CUSTOMER	COMMON_SCHEMA	SEX	DATA FIELD
107	CID	QUESTION	COMMON_SCHEMA	CID	DATA FIELD
108	QUESTION	QUESTION	COMMON_SCHEMA	QUESTION	DATA FIELD
109	ANSWER	QUESTION	COMMON_SCHEMA	RESPONSE	DATA FIELD
...
LINK MANAGEMENT INFORMATION			COMMON DICTIONARY 121		
IDENTIFICATION NUMBER	SOURCE SCHEMA NAME	SOURCE TABLE NAME	SOURCE KEY FIELD	TARGET SCHEMA NAME	TARGET TABLE NAME
101	COMMON_SCHEMA	QUESTION	CID	COMMON_SCHEMA	CUSTOMER
...

TABLE MANAGEMENT INFORMATION			PERSONAL DICTIONARY 122		
IDENTIFICATION NUMBER	TABLE NAME	SCHEMA NAME	COMMENTS		
1	SALES_OBJECT	PERSONAL_SCHEMA	MODEL OF INTEREST LIST		
2	SELECTION	PERSONAL_SCHEMA	TREND ANALYSIS		
...		
FIELD MANAGEMENT INFORMATION			PERSONAL DICTIONARY 122		
IDENTIFICATION NUMBER	FIELD NAME	TABLE NAME	SCHEMA NAME	COMMENTS	
1	CID	SALES_OBJECT	PERSONAL_SCHEMA	CID	DATA FIELD
2	RESPONSE	SALES_OBJECT	PERSONAL_SCHEMA	MODEL OF INTEREST LIST	DATA FIELD
3	CID	SELECTION	PERSONAL_SCHEMA	CID	DATA FIELD
4	RESPONSE	SELECTION	PERSONAL_SCHEMA	REASON	DATA FIELD
5	KVR00001	SALES_OBJECT	PERSONAL_SCHEMA	MANUFACTURER	CHARACTER OPERATION FIELD
...
LINK MANAGEMENT INFORMATION			PERSONAL DICTIONARY 122		
IDENTIFICATION NUMBER	SOURCE SCHEMA NAME	SOURCE TABLE NAME	SOURCE KEY FIELD	TARGET SCHEMA NAME	TARGET TABLE NAME
1	COMMON_SCHEMA	CUSTOMER	CID	PERSONAL_SCHEMA	SALES_OBJECT
2	PERSONAL_SCHEMA	SALES_OBJECT	CID	PERSONAL_SCHEMA	SELECTION
...

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FIG.4



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FIG. 5

UNTITLE 1		FILE(F)	EDIT(E)	VIEW(V)	INQUIRE(N)	CONNECT(C)	CREATE TABLE MART(M)	TOOLS(T)	WINDOW(W)	HELP(H)
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	<p>TITLE (T)...</p> <p>REMARKS (M)...</p> <p>VIEW CONDITION (C)...</p> <p>FIELD STYLE (I)...</p> <p>ALARM (A)...</p> <hr/> <p>CHANGE LAYOUT (L)... Ctrl+L</p> <p>RE-INQUIRE (E)</p> <p>OUTPUT TO TABLE (R)</p> <hr/> <p>STOP DRILL (S)...</p> <p>JUMP DRILL (J)...</p> <p>DETAIL (D)...</p> <p>BACK (B)...</p> <hr/> <p>NEXT PAGE (N)... Ctrl+RIGHT</p> <p>PREVIOUS PAGE (P)... Ctrl+LEFT</p> <p>JUMP TO PAGE (U)...</p>
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CID	
F00001	X
F00001	A
F00002	B
F00002	X
F00002	C
F00003	A
F00003	X

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FIG.6

OUTPUT TABLE

TABLE (T):

SALES_OBJECT

SELECTION

OUTPUT OPTIONS
TO CREATE A NEW TABLE

☒ CREATE A NEW TABLE (N)

IF TABLE EXISTS

☐ DELETE TABLE AND RECREATE (E)

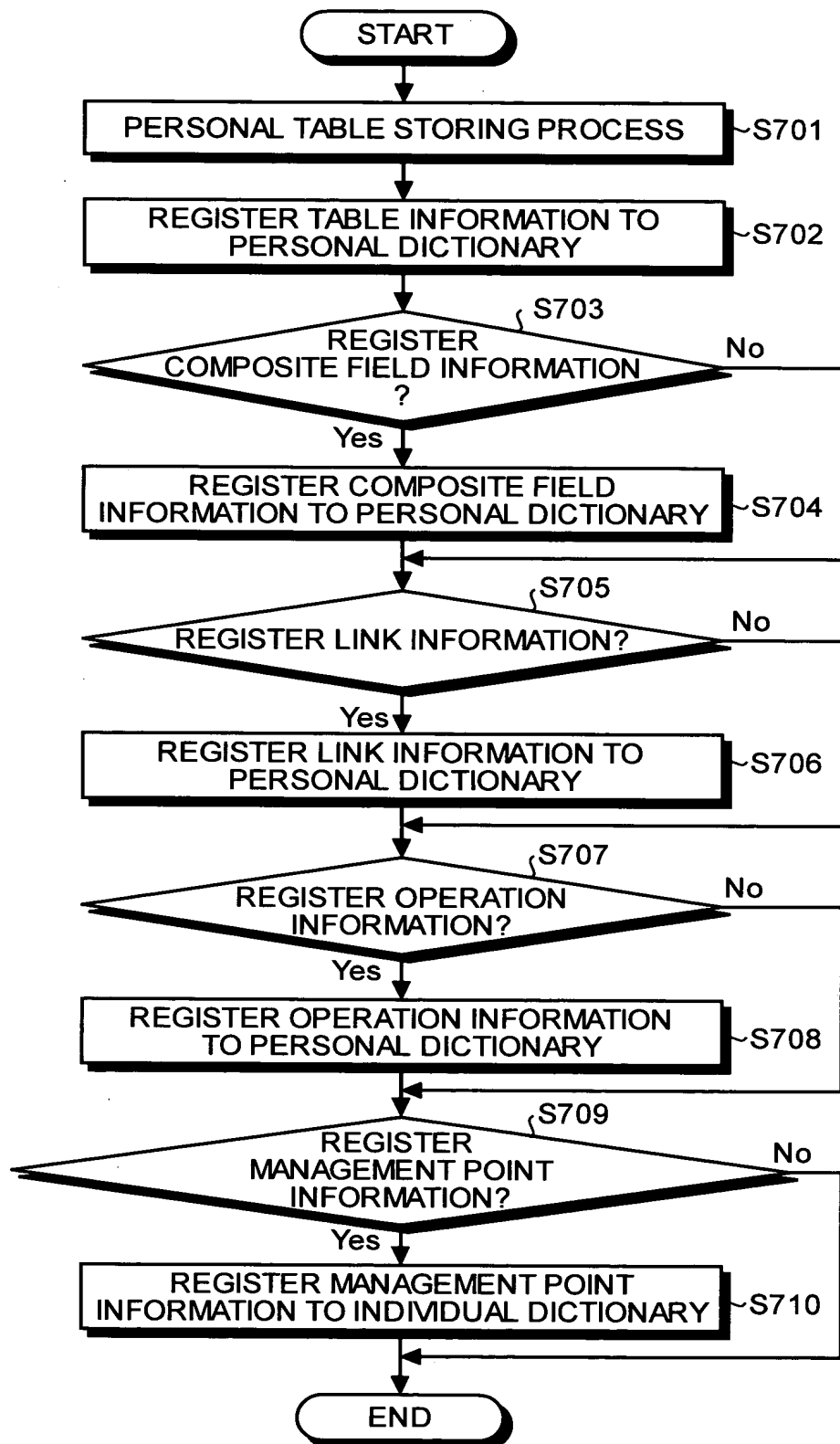
☐ REPLACE TABLE (V)

☐ APPEND DATA (A)

OK CANCEL

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FIG.7



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FIG.8

CHARACTER OPERATION		✕
TABLE NAME : SALES_OBJECT	OK	
FIELD NAME :	CANCEL	
TITLE (E) :	MANUFACTURER	HELP (H)
UNIT (U) :		
COMMENTS (C) :	MANUFACTURER OF MODEL OF INTEREST	
<div style="border: 1px solid black; padding: 5px;"> <p>OPERATION DATA</p> <p>OPERATION EXPRESSION (D) :</p> <div style="border: 1px solid black; padding: 5px; min-height: 40px;"> SUBSTRING (KVRX RESPONSE,1,4) </div> <div style="text-align: right; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px;">▲</div> <div style="border: 1px solid black; padding: 2px; height: 20px; margin: 2px;"></div> <div style="border: 1px solid black; padding: 2px;">▼</div> </div> <div style="text-align: right; margin-top: 10px;"> <div style="border: 1px solid black; padding: 2px;">SAMPLEING (S) ...</div> </div> <p>FIELD LIST (L) :</p> <div style="border: 1px solid black; padding: 5px; min-height: 150px;"> <div style="display: flex; align-items: flex-start; padding: 5px;"> <div style="margin-right: 10px;"> <div style="border: 1px solid black; padding: 2px;">+</div> <div style="border: 1px solid black; padding: 2px;">ABC 123</div> </div> <div> <div style="display: flex; align-items: center;"> <div style="margin-right: 5px;"> </div> <div>CUSTOMER ID (KVRX)</div> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">RESPONSE (KVRX)</div> </div> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">TITLE OF FIELD: 'MODEL OF INTEREST'</div> </div> </div>		

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FIG.9

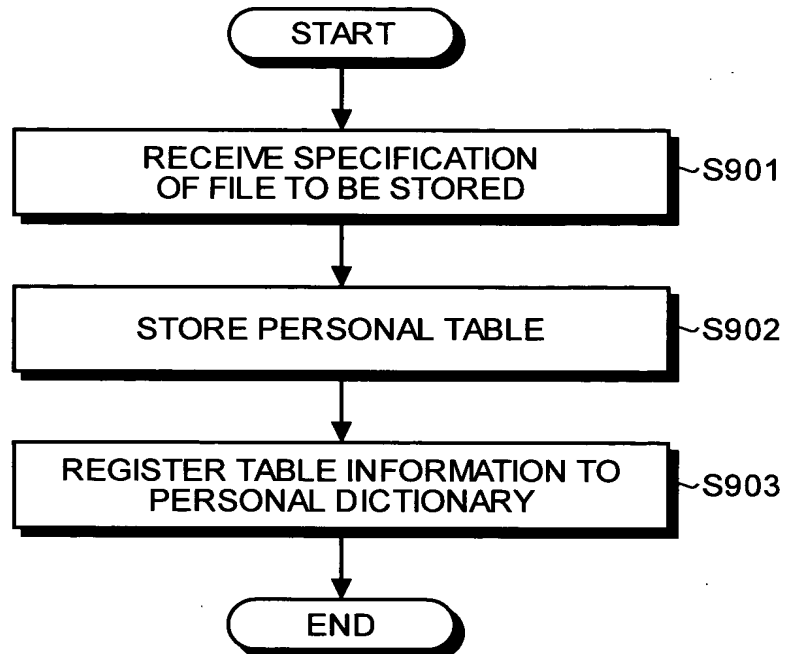


FIG.10

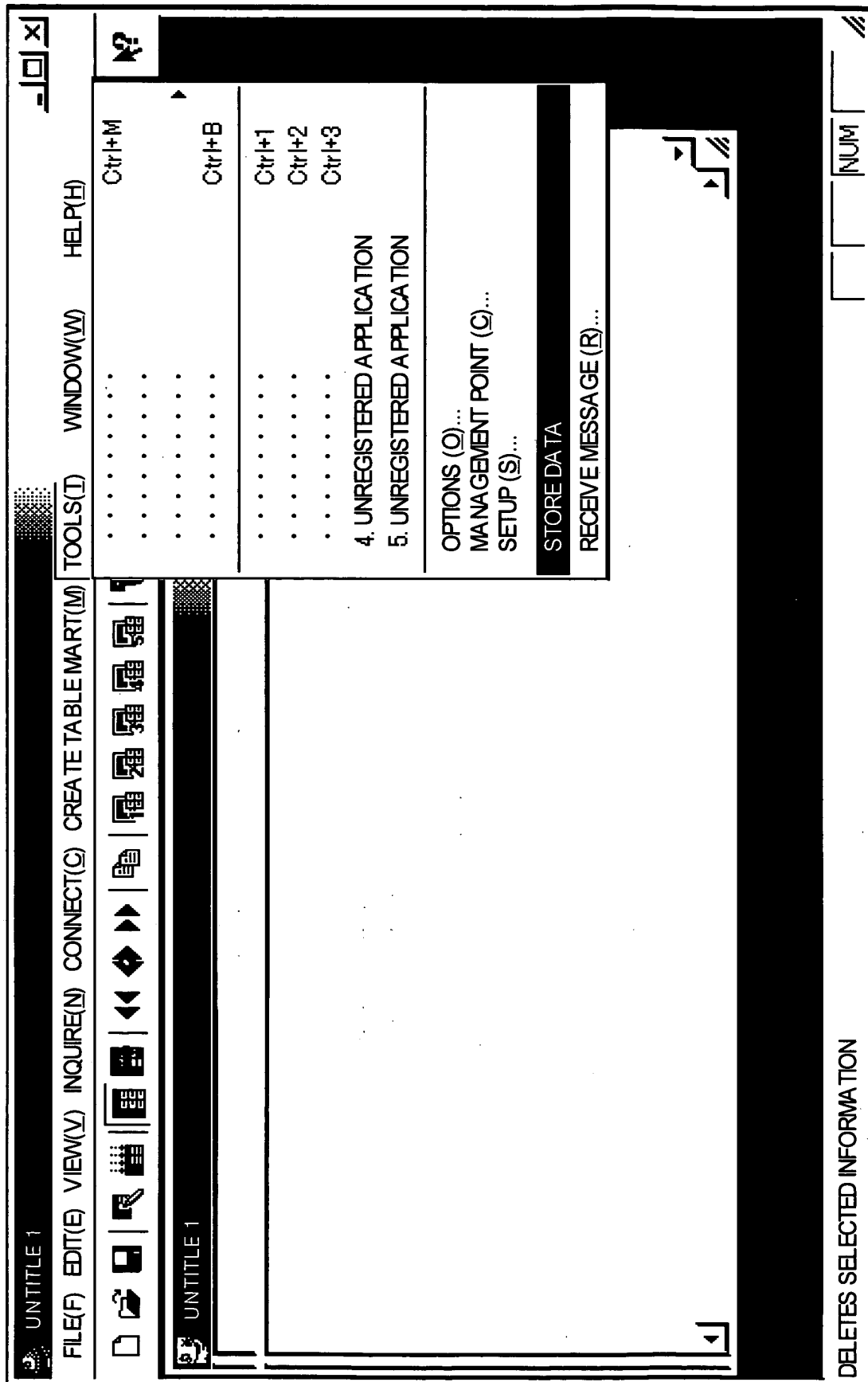


FIG.11

STORE DATA

FILE(F) STORE DATA(Y) VIEW(V) CONNECT(C) TOOLS(T) WINDOW(W) HELP(H)

FILE IMPORT

FILE NAME (N)
My Documents \TREND.csv
BROWSE (B)...

FILE STRUCTURE
FIELD NAME ROW (I) 1
TITLE ROW (E) 2
DATA START ROW (D) 3
DATA END ROW (L)

TABLE TO BE CREATED

☐ STORE TABLE (P) ☒ STORE PERSONAL DICTIONARY (M)

SOURCE TABLE SCHEMA (S)
PERSONAL_SCHEMA
PERSONAL_SCHEMA

TABLE (J)
SELECTION
SALES OBJECT
SELECTION

FORMAT OF TABLE
☒ REPLACE (Q) ☐ APPEND (K)

SEND

UNTITLE 1
STORE DATA

PLEASE SPECIFY THE TABLE
UNTITLE 1

NUM

PRESS F1 FOR HELP

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FIG. 12

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